



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Kang-Hyun Baek

Appln. No.: 10/801,940

Filed : March 16, 2004

For : SELF ASSEMBLED THREE-  
DIMENSIONAL PHOTONIC CRYSTAL

Docket No.: U11.12-0161

Group Art Unit:2873

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED  
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

3 DAY OF Aug, 2004  
  
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of application - Filing Date Granted dated June 3, 2004, Applicant encloses the following documents to complete the above-identified patent application filed March 16, 2004:

1. Charge Authorization Form PTO 2038 in the amount of \$986.00 (to cover the filing fee \$770; surcharge fee of \$130; and additional claim fee \$86).
2. Combined Declaration and Power of Attorney executed by the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Letter to Official Draftsperson
5. Thirteen (13) Sheets of Drawings
6. Information Disclosure Statement including PTO 1449

7. Copies of all non-U.S. references
8. Request for Corrected Filing Receipt
9. Copy of Filing Receipt with correction marked
10. Notice to File Missing Parts of Application-Filing Date Granted.


The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Judson K. Champlin, Reg. No. 34,797  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

JKC:lrs

 <b>FEE TRANSMITTAL</b>		Complete if Known																																																																																																	
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<b>METHOD OF PAYMENT (Check One)</b>		<b>FEE CALCULATION (Continued)</b>																																																																																																	
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A.  2. <input checked="" type="checkbox"/> Charge Authorization Form PTO 2038		<b>3. ADDITIONAL FEES</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051 130</td> <td>2051 65</td> <td>Surcharge - Late filing fee or oath</td> <td style="text-align: right;">130</td> </tr> <tr> <td>1052 50</td> <td>2052 25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>1053 130</td> <td>1053 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812 2,520</td> <td>1812 2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>1251 110</td> <td>2251 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252 420</td> <td>2252 210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253 950</td> <td>2253 475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254 1,480</td> <td>2254 740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255 2,010</td> <td>2255 1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1402 330</td> <td>2402 165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403 290</td> <td>2403 145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1814 110</td> <td>2814 55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>1452 110</td> <td>2452 55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1453 1,330</td> <td>2453 665</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>1501 1,330</td> <td>2501 665</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1502 480</td> <td>2502 240</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1460 130</td> <td>1460 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807 50</td> <td>1807 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1806 180</td> <td>1806 180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>8021 40</td> <td>8021 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) _____</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Subtotal (1) \$ 770</b></td> <td colspan="2" style="text-align: right;"><b>Subtotal (3) \$130</b></td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code (\$)	Code (\$)			1051 130	2051 65	Surcharge - Late filing fee or oath	130	1052 50	2052 25	Surcharge - Late provisional Filing Fee or cover sheet		1053 130	1053 130	Non-English specification		1812 2,520	1812 2,520	For Filing a Request for Reexamination. (ex parte)		1251 110	2251 55	Extension for reply within first month		1252 420	2252 210	Extension for reply within second month		1253 950	2253 475	Extension for reply within third month		1254 1,480	2254 740	Extension for reply within fourth month		1255 2,010	2255 1,005	Extension for reply within fifth month		1402 330	2402 165	Filing a brief in support of an appeal		1403 290	2403 145	Request for oral hearing		1814 110	2814 55	Terminal Disclaimer Fee		1452 110	2452 55	Petition to Revive - unavoidable		1453 1,330	2453 665	Petition to Revive - unintentional		1501 1,330	2501 665	Utility/Reissue issue fee (inc. advance copies)		1502 480	2502 240	Design issue fee (inc. advance copies)		1460 130	1460 130	Petitions to the Commissioner		1807 50	1807 50	Petitions related to provisional applications		1806 180	1806 180	Submission of Information Disclosure Statement		8021 40	8021 40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____				<b>Subtotal (1) \$ 770</b>		<b>Subtotal (3) \$130</b>	
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Signature Judson K Champlin  
(Judson K Champlin)

Date May 3, 2004

Reg. No. 34,797

Deposit Account No. 23-1123



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Kang-Hyun Baek

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**LETTER TO OFFICIAL DRAFTSPERSON**

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

3 DAY OF Aug, 2004

PATENT ATTORNEY

Sir:

Enclosed are **thirteen** (13) sheets of formal drawings  
for filing in the above-identified application.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By:

Judson K. Champlin, Reg. No. 34,797  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

JKC:lrs



AUG 05 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/801,940	03/16/2004	Kang-Hyun Baek	U11.12-0161

CONFIRMATION NO. 2912

WESTMAN, CHAMPLIN & KELLY, P.A.  
 International Centre - Suite 1600  
 900 Second Avenue South  
 Minneapolis, MN 55402-3319

## FORMALITIES LETTER



\*OC000000012849818\*

Date Mailed: 06/03/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$43 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$493 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$43

08/06/2004 BSAYAS11 00000012 10801940

01 FC:1001	770.00 OP
02 FC:1051	130.00 OP
03 FC:1201	86.00 OP

- \$43 for 1 independent claims over 3.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*Muhammed H. H. H.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2.- COPY TO BE RETURNED WITH RESPONSE